

Ross Lake National Recreation Area

PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Ross Lake National Recreation Area. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Public Use Statistics Program Center to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

1. A pneumatic tube counter is placed across Thornton Creek Road. The traffic count is divided by two (2) to adjust for vehicles entering and exiting. The adjusted traffic count is reduced for non-reportable vehicles* (31 per month). The reduced traffic count is multiplied by the persons-per-vehicle (PPV) multiplier in Table 1.
2. A pneumatic tube counter is placed across Goodell Creek Campground. The traffic count is divided by two (2) to adjust for vehicles entering and exiting. The adjusted traffic count is reduced for non-reportable vehicles* (124 per month), extra axle counts (1 percent of total adjusted vehicles), and reentries (56 percent of adjusted vehicles). The reduced traffic count is multiplied by the PPV multiplier in Table 1.
3. A pneumatic tube counter is placed across Lower Goodell Creek Campground. The traffic count is divided by two (2) to adjust for vehicles entering and exiting. The adjusted traffic count is reduced for non-reportable vehicles* (62 per month), extra axle counts (1 percent of total adjusted vehicles), and reentries (56 percent of adjusted vehicles). The reduced traffic count is multiplied by the PPV multiplier in Table 1.
4. A pneumatic tube counter is placed across Upper Goodell Creek Campground. The traffic count is divided by two (2) to adjust for vehicles entering and exiting. The adjusted traffic count is reduced for non-reportable vehicles* (62 per month), extra axle counts (1 percent of total adjusted vehicles), and reentries (56 percent of adjusted vehicles). The reduced traffic count is multiplied by the PPV multiplier in Table 1.
5. A pneumatic tube counter is placed across Newhalem Creek Campground entrance. The traffic count is reduced for non-reportable vehicles* (248 per month), extra axle counts (1 percent of total vehicles), and reentries (49 percent of adjusted vehicles). The reduced traffic count is multiplied by the PPV multiplier in Table 1.
6. A pneumatic tube counter is placed across Diablo Dam Road. The traffic count is divided by two (2) to adjust for vehicles entering and exiting. The adjusted traffic count is reduced for non-reportable vehicles* (155 per month). The reduced traffic count is multiplied by the PPV multiplier in Table 1.

7. A pneumatic tube counter is placed across North Colonial Campground entrance. The traffic count is reduced for non-reportable vehicles* (124 per month), extra axle counts (1 percent of total vehicles), reentries (67 percent of adjusted vehicles). The reduced traffic count is multiplied by the PPV multiplier in Table 1.
8. A pneumatic tube counter is placed across South Colonial Campground entrance. The traffic count is reduced for non-reportable vehicles* (124 per month), extra axle counts (1 percent of total vehicles), reentries (67 percent of adjusted vehicles). The reduced traffic count is multiplied by the PPV multiplier in Table 1.
9. A pneumatic tube counter is placed across Diablo Lake Overlook entrance. The traffic count is reduced for non-reportable vehicles* (124 per month) and extra axle counts (1 percent of total vehicles). The reduced traffic count is multiplied by the PPV multiplier in Table 1.
10. A pneumatic tube counter is placed across Hozomeen Road. The traffic count is divided by two (2) to adjust for vehicles entering and exiting. The adjusted traffic count is reduced for non-reportable vehicles* (124 per month) and extra axle counts (1 percent of total adjusted vehicles). The reduced traffic count is multiplied by the PPV multiplier in Table 1.
11. The number of visitors taking the Seattle City Light presented by a NPS employee.
12. The number of visitors using non-metered roads, trails, and overlooks not counted elsewhere is estimated by using the appropriate number in Table 2.
13. The number of backcountry overnight users is estimated by multiplying the number of permitted backcountry overnight stays by 1.10.

Non-recreation Visits

Non-recreation day use is estimated as 60 visitors per month.

Recreation Visitor Hours

1. The total recreation visitors is multiplied by one hour (1.0).
2. The number of overnight stays is multiplied by twenty-four hours (24.0) per overnight stay.

Non-recreation Visitor Hours

The total non-recreation day use visitors is multiplied by one hour (1.0).

Overnight Stays

Concessionaire Lodging - Ross Lake Resort, Inc.

The number of visitors staying overnight as Resort Guests.

NPS Campgrounds - Colonial Creek, Goodell Creek, Gorge Lake, Hozomeen, Newhalem Creek

The number of visitors staying overnight in tent or RV sites is multiplied by the PPV multiplier in Table 1.

NPS Backcountry - Miscellaneous hike-in, bus-in, and horseback ride-in

The number of visitors issued permits is multiplied 1.10.

NPS Miscellaneous - Upper and Lower Goodell Creek

The number of visitors staying overnight in tent or RV sites is multiplied by the PPV multiplier in Table 1.

Special Use Data

Line a. Traffic on Highway 20 eastbound

Line b. Traffic on Highway 20 westbound

Table 1

Persons-Per-Vehicle Multipliers by Month

MONTH	MULTIPLIER
September - May	2.1
June - August	2.4

Table 2

Number of Visitors Using Non-metered Roads are Estimated by Month

MONTH	NUMBER OF VISITORS
JANUARY	100
FEBRUARY	300
MARCH	300
APRIL	600
MAY	600
JUNE	1000
JULY	1000
AUGUST	1000
SEPTEMBER	600
OCTOBER	300
NOVEMBER	300
DECEMBER	100